Web Semantics and Accessibility

# Definitions and Considerations

## Accessibility

What disabilities might we need to cater for?

* Colour blindness
  + Colour Contrast
* Visually impaired or blind users
  + Semantics for people using screen readers
* Deaf users
* Users who navigate using joystick and voice commands

## Accessibility Standards

* Web Content Accessibility Guidelines(WACOG)
  + http://www.w3.org/WAI/intro/wcag
* Accessible Rich Internet Applications(WAI-ARIA)
  + http://www.w3.org/WAI/intro/aria.php
* BS 8878:2010 – Web Accessibility Code of Practice
  + http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030180388&rdt=wmt

### WAI-ARIA

Good practice to include the roles in the tags

<header role=”banner”>

<nav role=”navigation”>

<form role=search”>

<main role=”main”>

<aside role=”complementary”>

<footer role=”contentinfo”>

## Micro formats

<http://microformats.org/>

### Microformat specifications

People and Organizations

[h-card](http://microformats.org/wiki/h-card), [XFN](http://microformats.org/wiki/xfn)

Calendars and Events

[h-calendar](http://microformats.org/wiki/h-calendar)

Opinions, Ratings and Reviews

[h-review](http://microformats.org/wiki/h-review)